



Presentation Series: 2019 - 2020

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DETERIORATION AND REPAIR OF CONCRETE PAVEMENTS

DATE: Thursday, November 21, 2019

TIME: 10:00 AM – 3:00 PM CT (9:00 AM – 2:00 PM MT)

DELIVERY: Video Conference

REGISTRATION DEADLINE: November 14, 2019

DESCRIPTION:

Concrete pavement is a durable but not eternal material. Despite its longevity, it eventually deteriorates and requires repair or replacement. This presentation focuses on repairing deteriorated concrete pavement and will the latest concrete preservation guides from the National Concrete Pavement Technology Center. It will also cover various full and partial depth repairs techniques including:

- 2018 Guide for Concrete Pavement Distress Assessments and Solutions - National Concrete Pavement Technology Center
- 2014 Concrete Pavement Preservation Guide - National Concrete Pavement Technology Center
- Partial and Full Depth Repairs (thick and thinner existing slabs)
 - Rural and Urban Considerations
- Crack repair treatments
- Surface and ride treatments such as grinding and grooving

TARGET AUDIENCE:

Designers, maintenance coordinators, general maintenance staff, local road superintendents and city public works/streets maintenance coordinators.

PRESENTERS:

Daniel P. Frentress, PE, is a PCC pavement preservation specialist), having developed his career working with the American Concrete Paving Association, the Concrete Paving Association of Minnesota, and as an Assistant County Engineer in Iowa. Since 2002 Dan has managed his own consulting business specializing in PCC pavement related training for MnDOT and others and holds a Professional Engineer's license in Minnesota and Iowa. Dan is also a member of the American Society of Civil Engineers and the American Concrete Institute.

Dale S. Harrington, P.E., is President of HCE Services and has over 46 years as a Professional Engineer. He has managed and directed multi-million-dollar highway projects and research programs throughout these years at the local, state and federal levels. He was the founding Director of the Portland Cement Concrete Pavement Technology Center at Iowa State University and the Statewide Urban Design and Specification Program.

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